

IN THE CLAIMS:

Please amend Claims 4, 14, and 17 as follows:

Claims 1-3 (Cancelled)

4. (Currently Amended) An image data recording device, comprising:

common key generating means for generating a common key based on a print ID transferred from an image data processing device;

management means for managing the common key generated by said common key generating means and the print ID transferred from said image data processing device in pairs;

common key issue means for transmitting the common key generated by said common key generating means to said image data processing device;

common key obtaining means for obtaining the common key corresponding to the print ID from said management means when the print ID and print control data are transmitted from said image data processing device;

analyzing means for extracting encrypted print image data by analyzing a command of the print control data using the common key obtained by said common key obtaining means;

decryption means for decrypting the encrypted print image data extracted by said analyzing means using a key corresponding to the print ID; and

print means for recording the print image data decrypted by said decryption means on a recording medium,

wherein the print image data is data encrypted in the image data processing device
by using the common key.

5. (Original) The apparatus according to claim 4, wherein said common key generating means generates the common key without regularity independent of a value of the print ID.

6. (Previously Presented) The apparatus according to claim 4, wherein said decryption means performs a decryption process using a conversion table generated using said key corresponding to the print ID.

Claims 7-13 (Cancelled)

14. (Currently Amended) A method for controlling an image data recording device, comprising the steps of:

generating a common key based on a print ID transferred from an image data processing device;

managing the generated common key and the print ID transferred from the image data processing device in pairs;

transmitting the generated common key to the image data processing device;

obtaining the common key corresponding to the print ID when the print ID and print control data are transmitted from the image data processing device;

extracting encrypted print image data by analyzing a command of the print control data using the obtained common key;

decrypting the extracted, encrypted print image data using a key obtained from the print ID; and

recording the decrypted print image data in a storage medium,

wherein the print image data is data encrypted in the image data processing device by using the common key.

15. (Previously Presented) The method according to claim 14, wherein said common key generating step generates the common key without regularity independent of a value of the print ID.

16. (Previously Presented) The method according to claim 14, wherein said decrypting step performs a decryption process using a conversion table generated using the key obtained from the print ID.

17. (Currently Amended) A program, embodied in a computer-readable medium, for controlling an image data recording system including an image data processing device, said program comprising a plurality of program codes instructing the image data recording system to perform the steps of:

generating a common key based on a print ID transferred from the image data processing device;

managing the generated common key and the print ID transferred from the image data processing device in pairs;

transmitting the generated common key to the image data processing device;

obtaining the common key corresponding to the print ID when the print ID and print control data are transmitted from the image data processing device;

extracting encrypted print image data by analyzing a command of the print control data using the obtained common key;

decrypting the extracted, encrypted print image data using a key obtained from the print ID; and

recording the decrypted print image data in a storage medium,

wherein the print image data is data encrypted in the image data processing device by using the common key.